

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050118\
 Data File : BE096252.D
 Acq On : 1 May 2018 11:27
 Operator : SJ/JU
 Sample : J2464-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: May 02 01:51:05 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 14:27:29 2018
 Response via : Initial Calibration

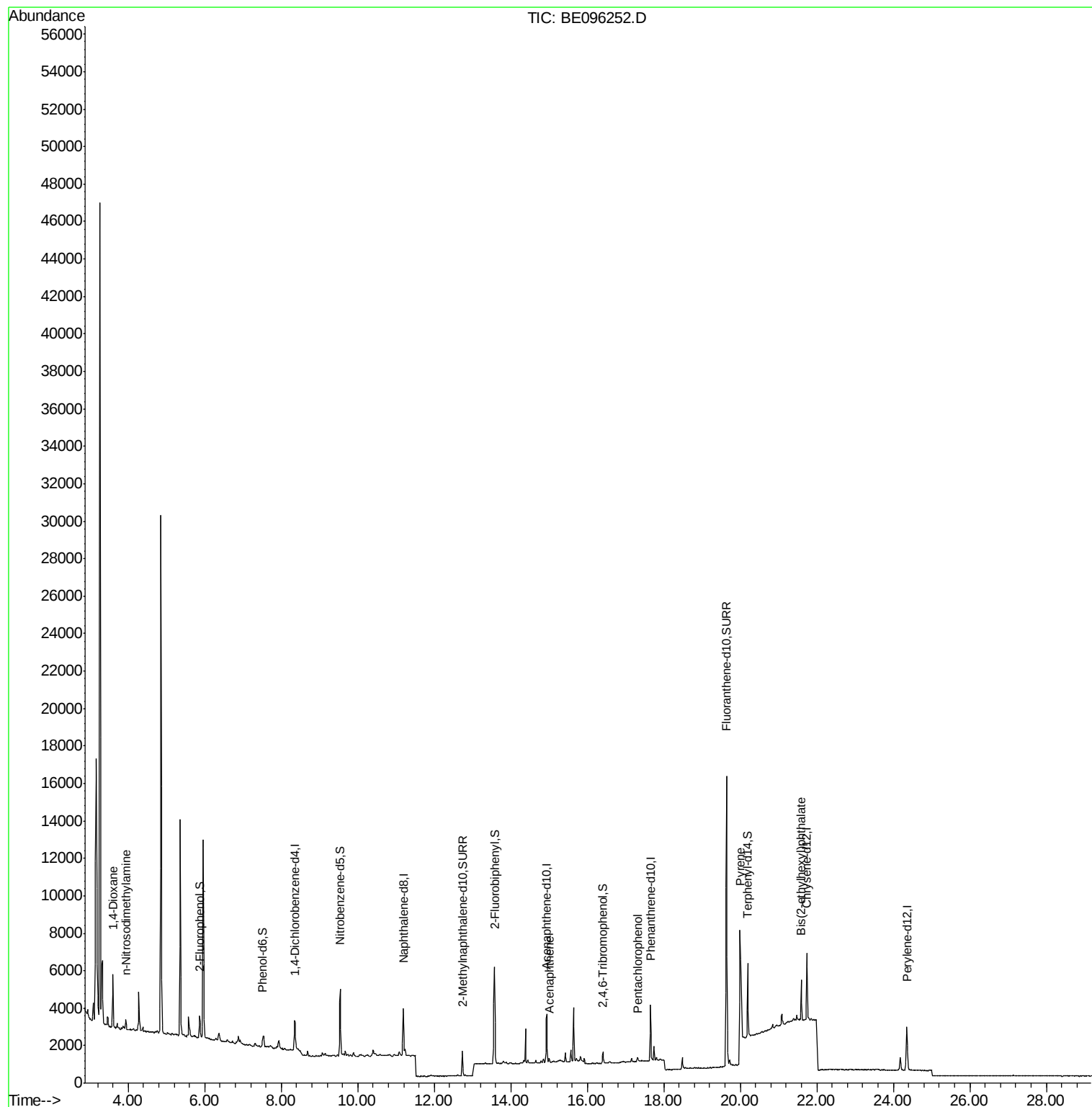
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	770	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	2956	0.40	ng	0.00
13) Acenaphthene-d10	14.94	164	1578	0.40	ng	0.00
19) Phenanthrene-d10	17.65	188	3862	0.40	ng	0.00
27) Chrysene-d12	21.74	240	3894	0.40	ng	0.00
34) Perylene-d12	24.35	264	3690	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.87	112	487	0.20	ng	0.00
5) Phenol-d6	7.51	99	410	0.12	ng	0.00
8) Nitrobenzene-d5	9.54	82	1450	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.73	152	1794	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	307	0.40	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	2980	0.44	ng	0.00
25) Fluoranthene-d10	19.64	212	20665	0.39	ng	0.00
29) Terphenyl-d14	20.19	244	3381	0.39	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.60	88	1654	1.391	ng	95
3) n-Nitrosodimethylamine	3.94	42	44	0.030	ng	# 1
17) Acenaphthene	15.00	154	119	0.024	ng	# 92
22) Pentachlorophenol	17.31	266	132	0.261	ng	86
28) Pyrene	20.00	202	192	0.025	ng	# 46
32) Bis(2-ethylhexyl)phthalate	21.60	149	2484	0.077	ng	# 98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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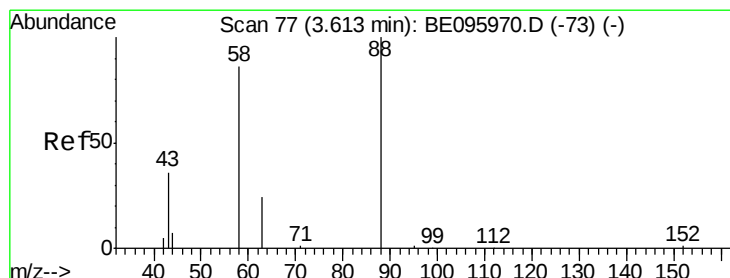
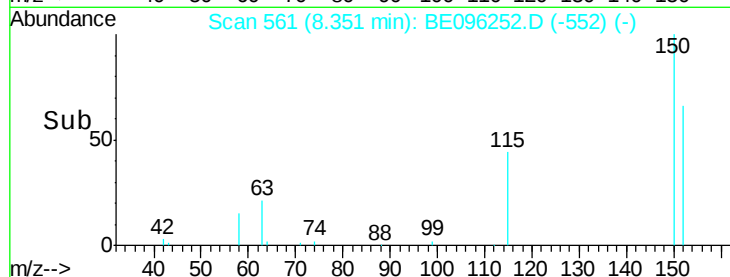
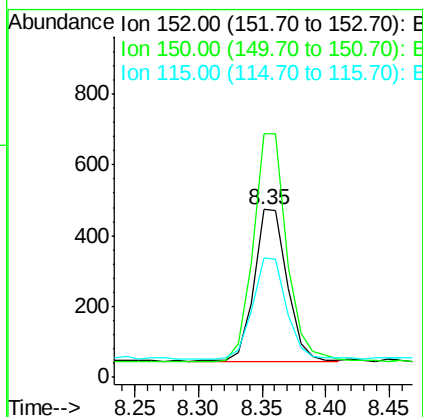
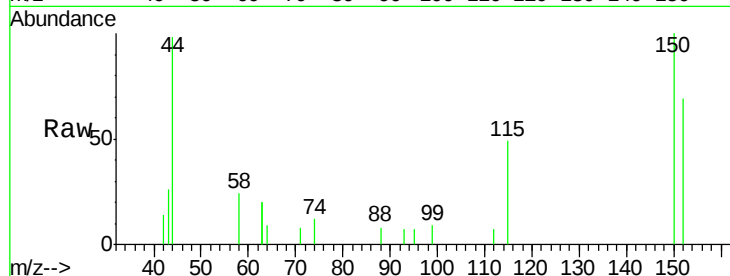


#1

1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.35 min Scan# 561
 Delta R.T. -0.01 min
 Lab File: BE096252.D
 Acq: 1 May 2018 11:27

Instrument :
 BNA_E
 ClientSampleId :

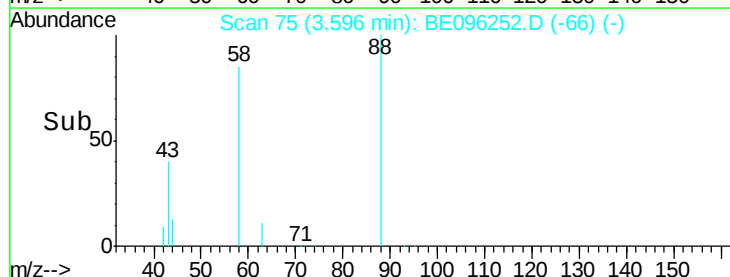
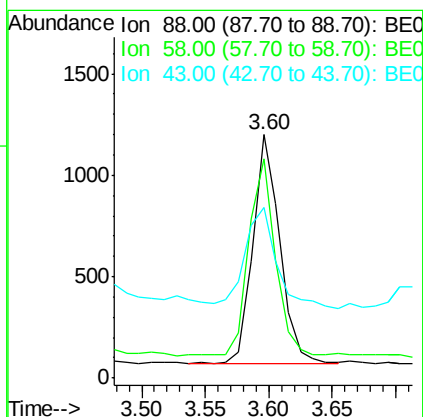
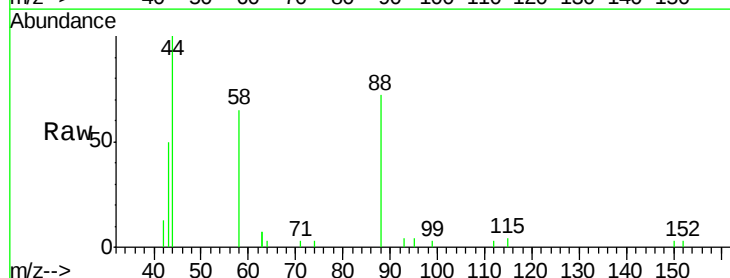
Tot Ion:152 Resp: 770
 Ion Ratio Lower Upper
 152 100
 150 145.5 117.2 175.8
 115 71.5 57.0 85.6



#2

1,4-Dioxane
 Concen: 1.391 ng
 RT: 3.60 min Scan# 75
 Delta R.T. -0.01 min
 Lab File: BE096252.D
 Acq: 1 May 2018 11:27

Tgt Ion: 88 Resp: 1654
 Ion Ratio Lower Upper
 88 100
 58 85.1 63.2 94.8
 43 52.3 41.2 61.8



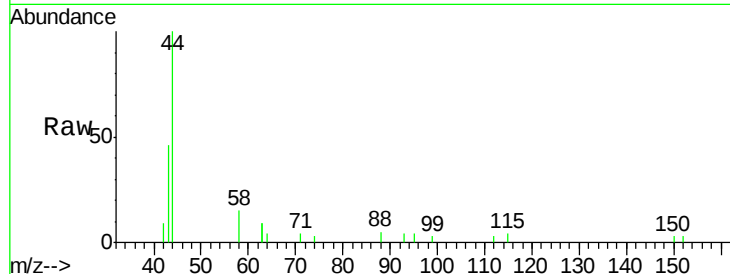


#3

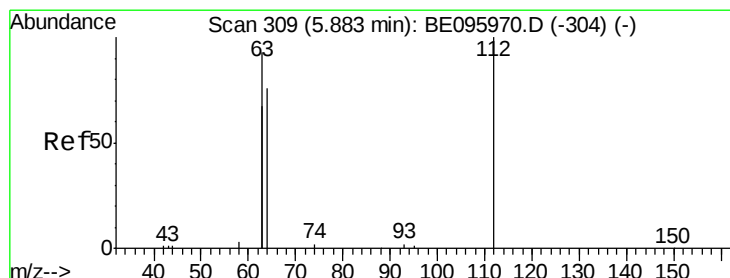
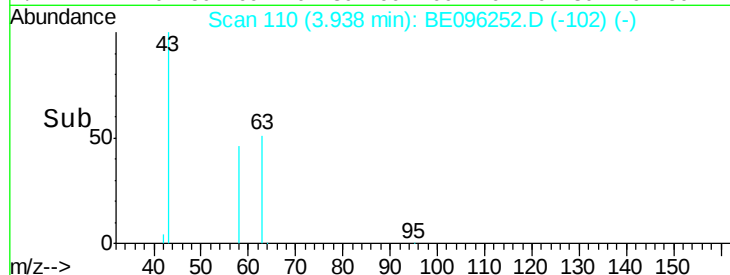
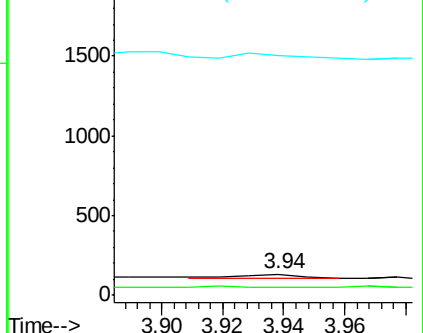
n-Nitrosodimethylamine
 Concen: 0.030 ng
 RT: 3.94 min Scan# 110
 Delta R.T. -0.02 min
 Lab File: BE096252.D
 Acq: 1 May 2018 11:27

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
42	100		
74	18.2	96.0	144.0#
44	111.4	12.0	18.0#



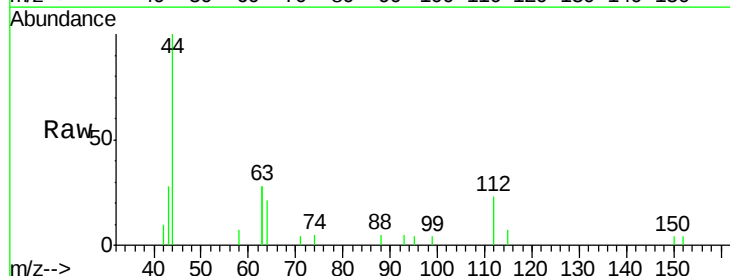
Abundance Ion 42.00 (41.70 to 42.70): BE0
 Ion 74.00 (73.70 to 74.70): BE0
 Ion 44.00 (43.70 to 44.70): BE0



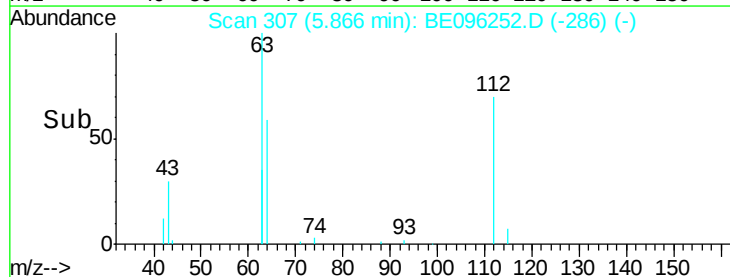
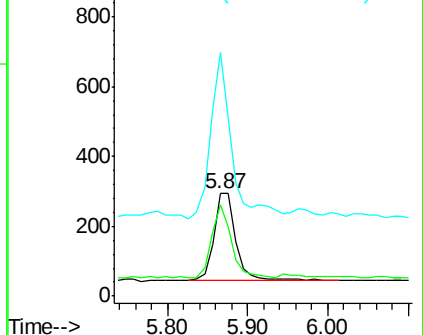
#4

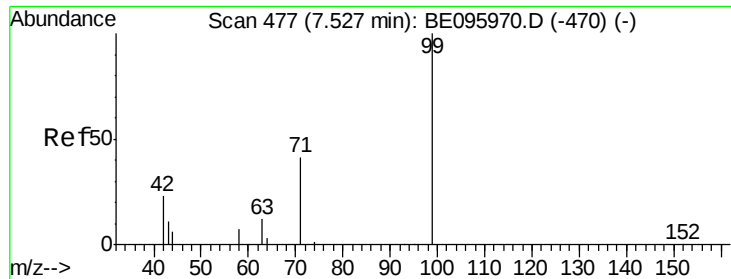
2-Fluorophenol
 Concen: 0.204 ng
 RT: 5.87 min Scan# 307
 Delta R.T. 0.00 min
 Lab File: BE096252.D
 Acq: 1 May 2018 11:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.9	60.1	90.1
63	178.9	116.8	175.2#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BE0
 Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.125 ng

RT: 7.51 min Scan# 475

Delta R.T. 0.00 min

Lab File: BE096252.D

Acq: 1 May 2018 11:27

Instrument :

BNA_E

ClientSampleId :

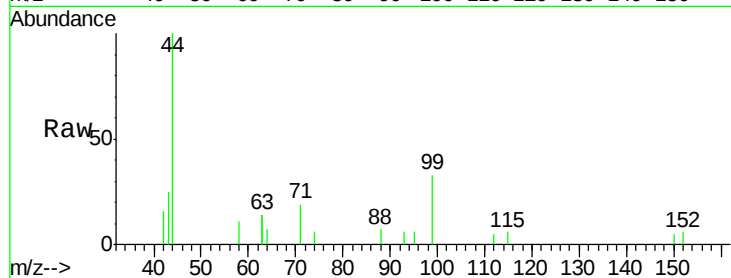
Tot Ion: 99 Resp: 410

Ion Ratio Lower Upper

99 100

42 32.0 20.2 30.2#

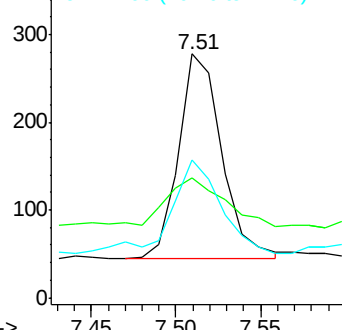
71 53.4 28.4 42.6#



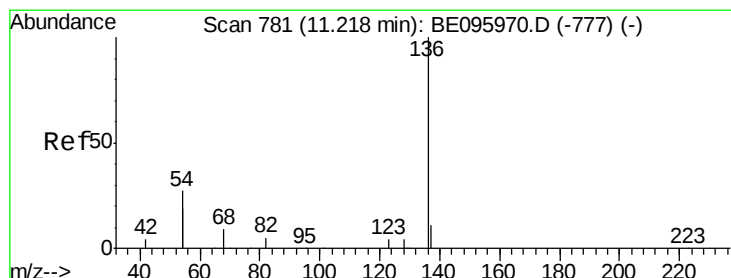
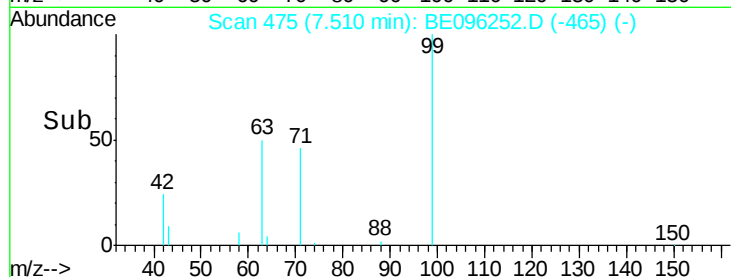
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.19 min Scan# 779

Delta R.T. 0.00 min

Lab File: BE096252.D

Acq: 1 May 2018 11:27

Tgt Ion: 136 Resp: 2956

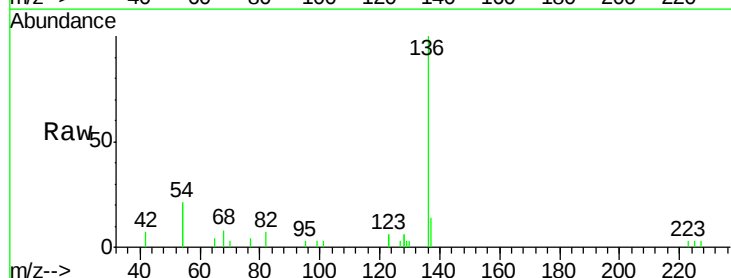
Ion Ratio Lower Upper

136 100

137 13.6 9.5 14.3

54 41.6 29.1 43.7

68 8.5 6.2 9.2

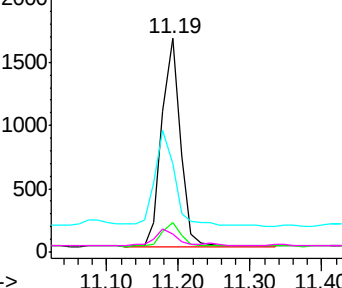


Abundance Ion 136.00 (135.70 to 136.70): E

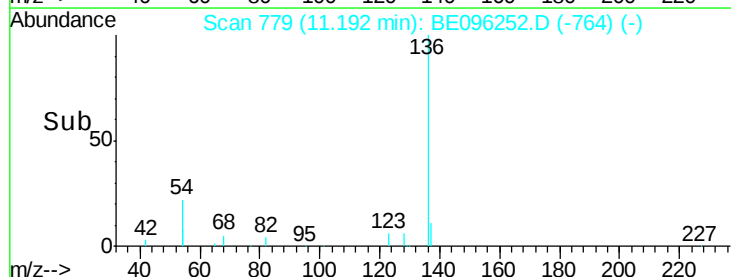
Ion 137.00 (136.70 to 137.70): E

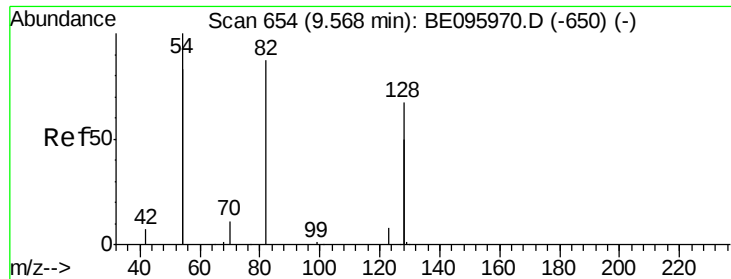
Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.418 ng

RT: 9.54 min Scan# 652

Delta R.T. 0.00 min

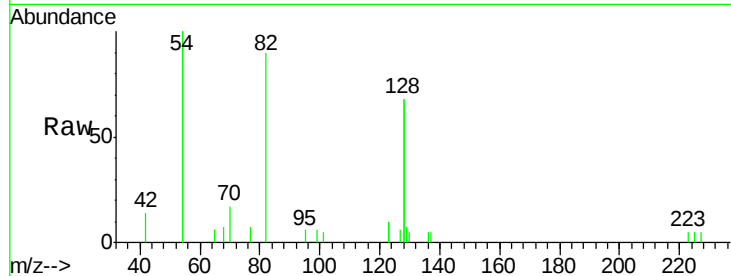
Lab File: BE096252.D

Acq: 1 May 2018 11:27

Instrument :

BNA_E

ClientSampleId :



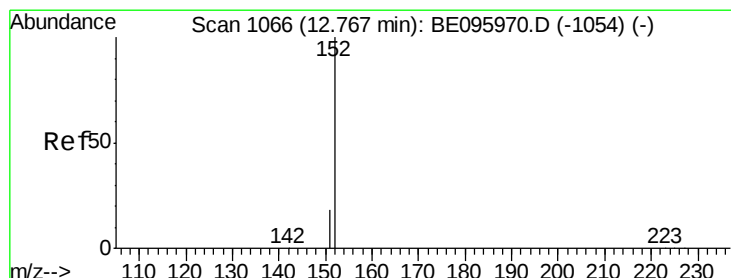
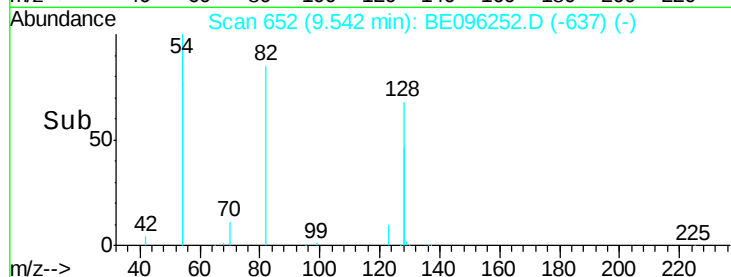
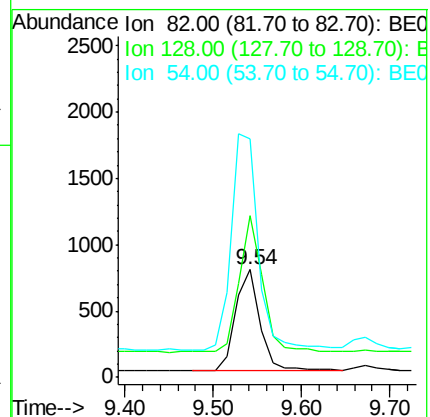
Tot Ion: 82 Resp: 1450

Ion Ratio Lower Upper

82 100

128 150.0 150.0 225.0

54 221.7 154.2 231.4



#11

2-Methylnaphthalene-d10

Concen: 0.383 ng

RT: 12.73 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE096252.D

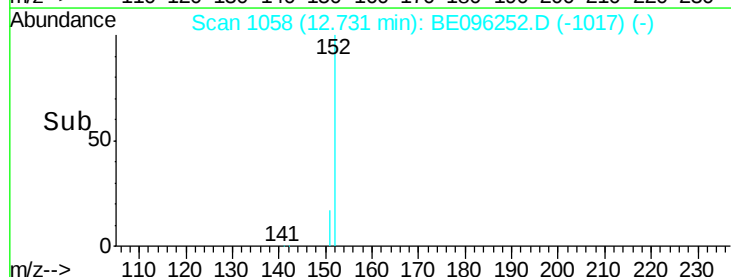
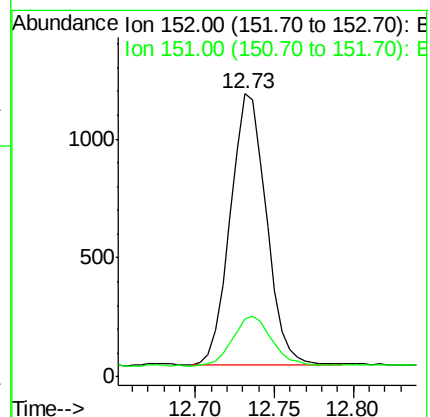
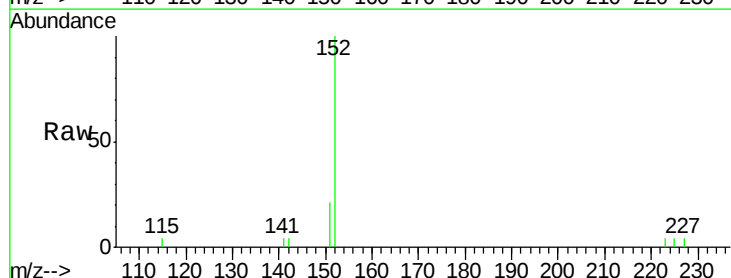
Acq: 1 May 2018 11:27

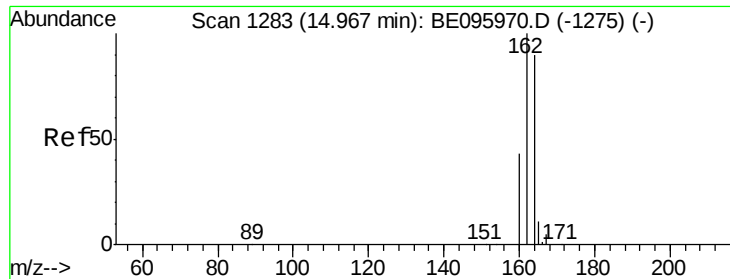
Tgt Ion: 152 Resp: 1794

Ion Ratio Lower Upper

152 100

151 19.9 15.4 23.0

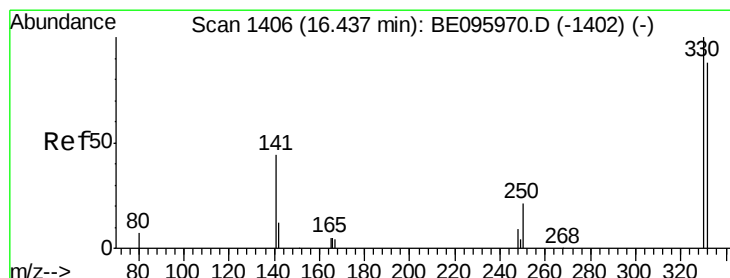
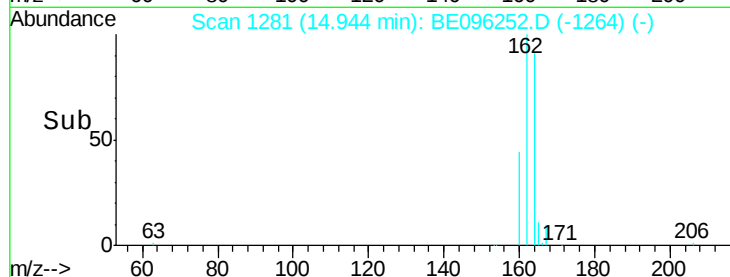
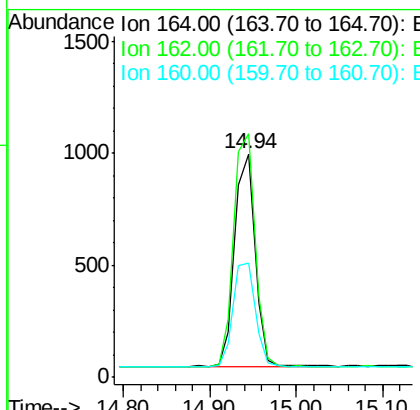
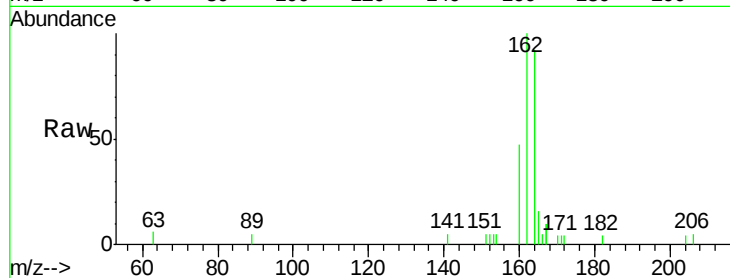




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.94 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BE096252.D
Acq: 1 May 2018 11:27

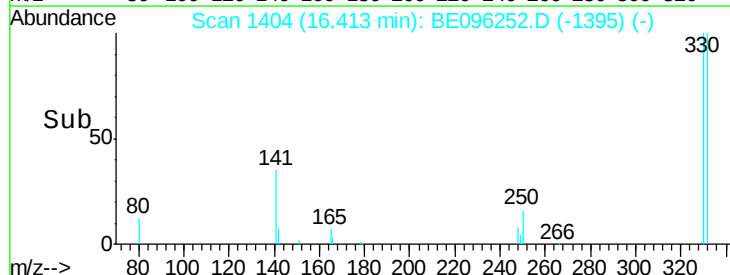
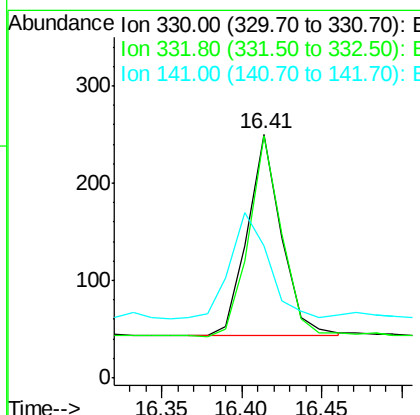
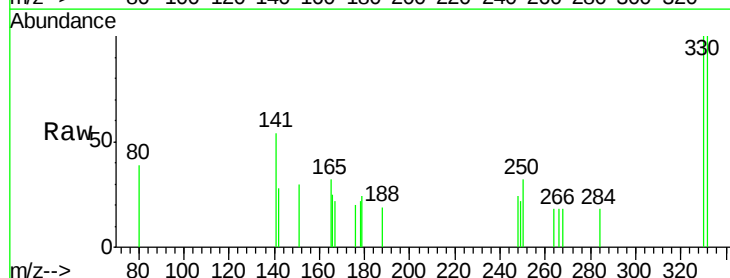
Instrument :
BNA_E
ClientSampleId :

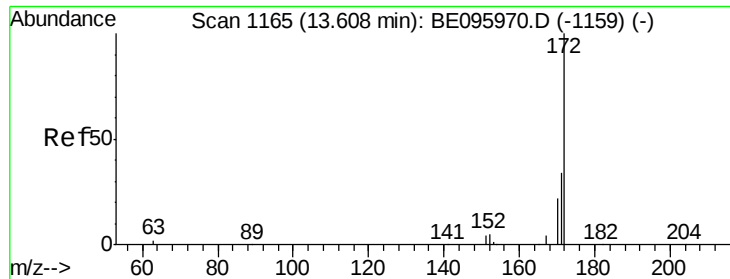
Tot Ion:164 Resp: 1578
Ion Ratio Lower Upper
164 100
162 108.8 83.1 124.7
160 50.9 37.1 55.7



#14
2,4,6-Tribromophenol
Concen: 0.403 ng
RT: 16.41 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BE096252.D
Acq: 1 May 2018 11:27

Tgt Ion:330 Resp: 307
Ion Ratio Lower Upper
330 100
332 95.4 152.7 229.1#
141 58.3 33.7 50.5#

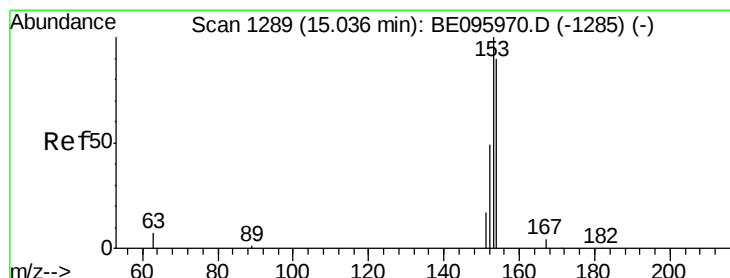
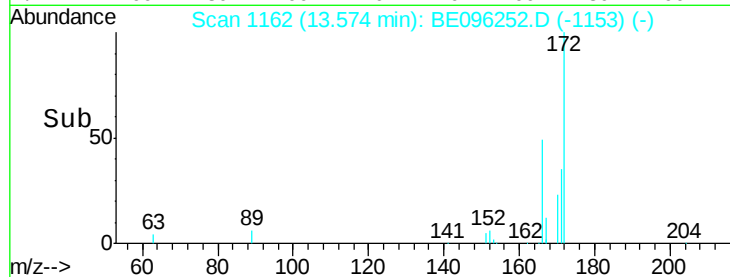
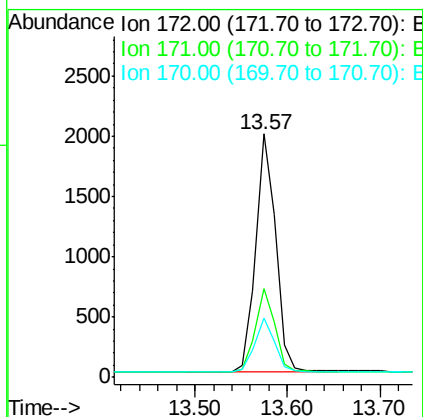
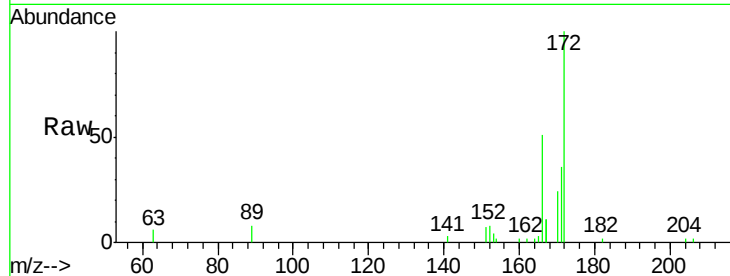




#15
2-Fluorobiphenyl
Concen: 0.441 ng
RT: 13.57 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BE096252.D
Acq: 1 May 2018 11:27

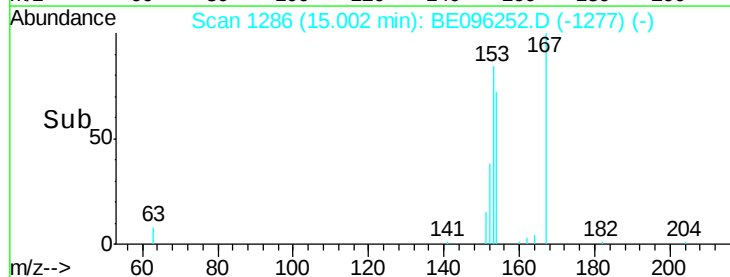
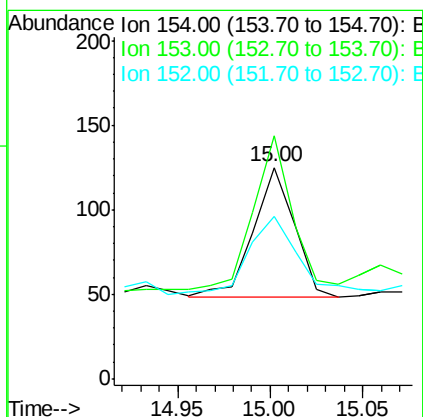
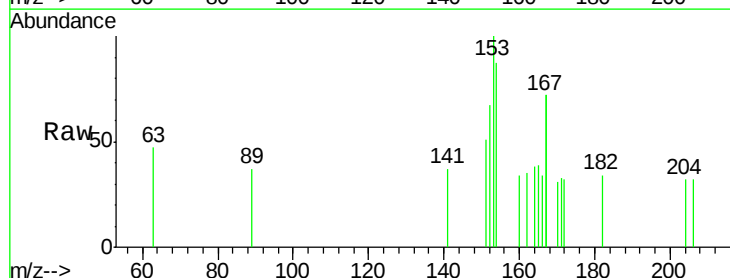
Instrument :
BNA_E
ClientSampleId :

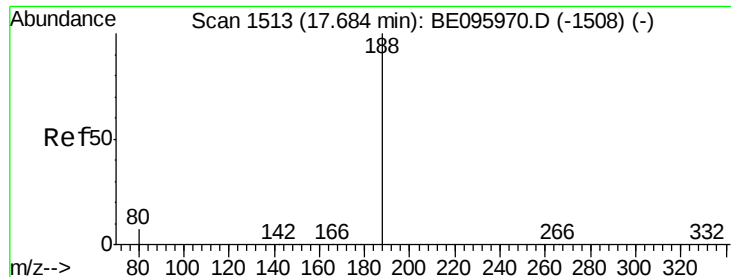
Tot Ion:172 Resp: 2980
Ion Ratio Lower Upper
172 100
171 36.5 29.9 44.9
170 24.2 21.8 32.8



#17
Acenaphthene
Concen: 0.024 ng
RT: 15.00 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BE096252.D
Acq: 1 May 2018 11:27

Tgt Ion:154 Resp: 119
Ion Ratio Lower Upper
154 100
153 109.2 89.2 133.8
152 67.2 42.0 63.0#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.65 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BE096252.D

Acq: 1 May 2018 11:27

Instrument :

BNA_E

ClientSampleId :

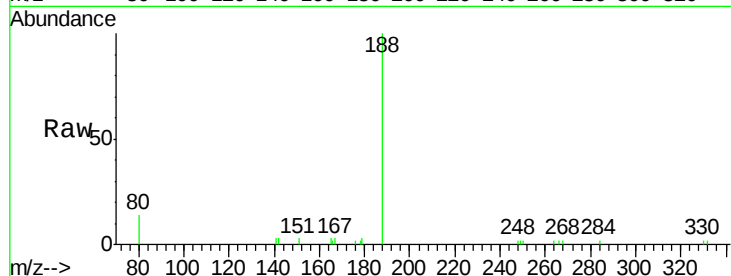
Tot Ion:188 Resp: 3862

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

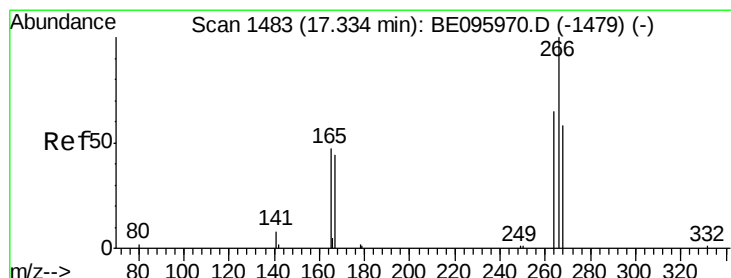
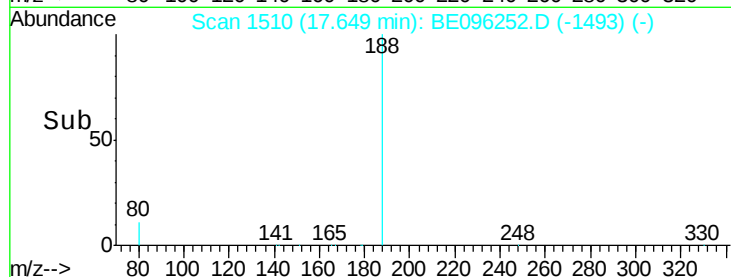
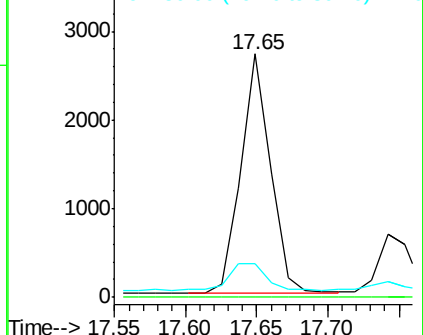
80 14.1 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#22

Pentachlorophenol

Concen: 0.261 ng

RT: 17.31 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BE096252.D

Acq: 1 May 2018 11:27

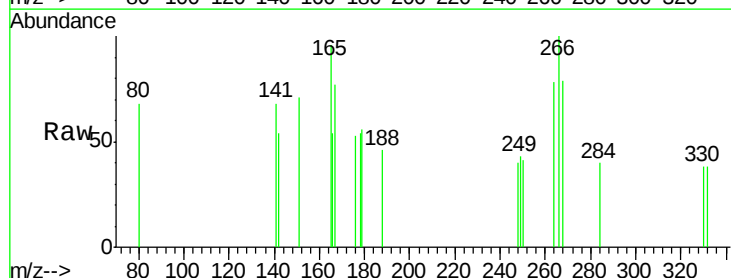
Tgt Ion:266 Resp: 132

Ion Ratio Lower Upper

266 100

264 78.1 72.5 108.7

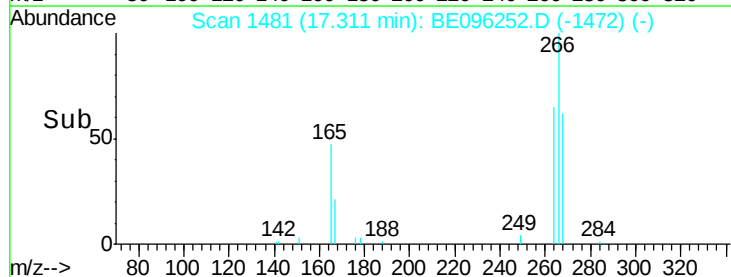
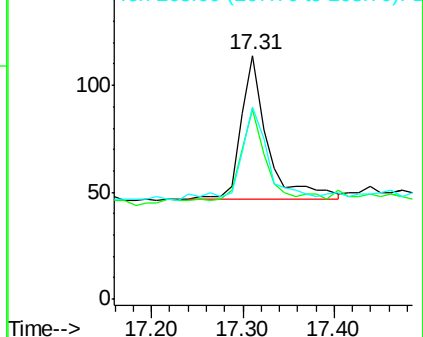
268 78.9 73.8 110.6

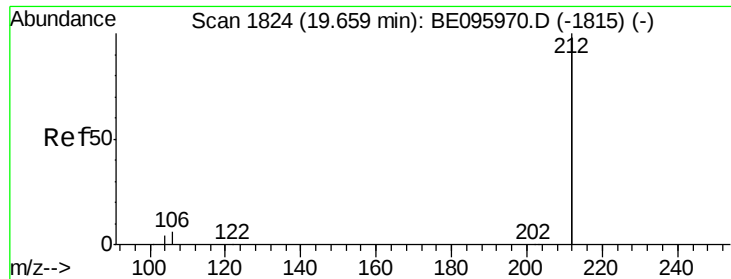


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

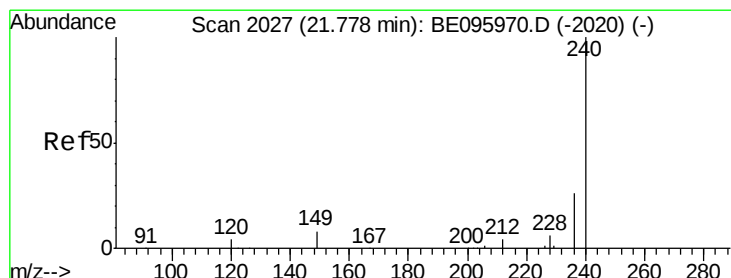
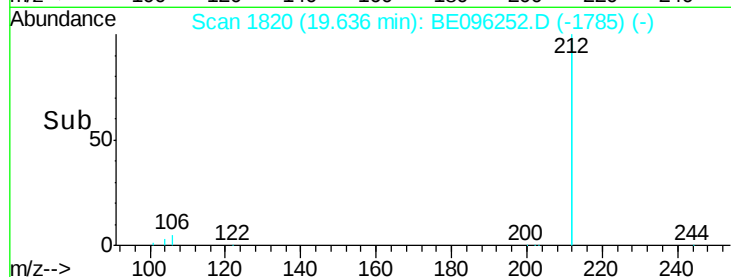
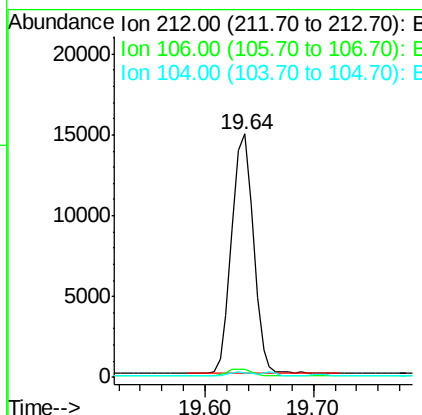
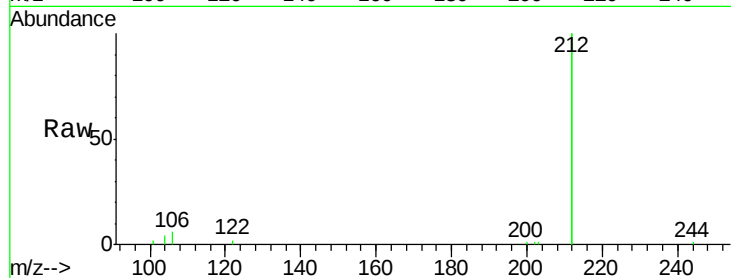




#25
 Fluoranthene-d10
 Concen: 0.394 ng
 RT: 19.64 min Scan# 1820
 Delta R.T. 0.00 min
 Lab File: BE096252.D
 Acq: 1 May 2018 11:27

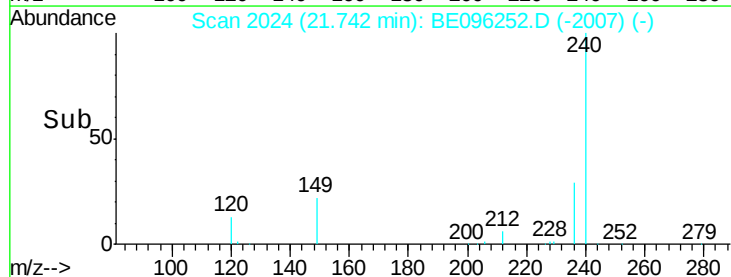
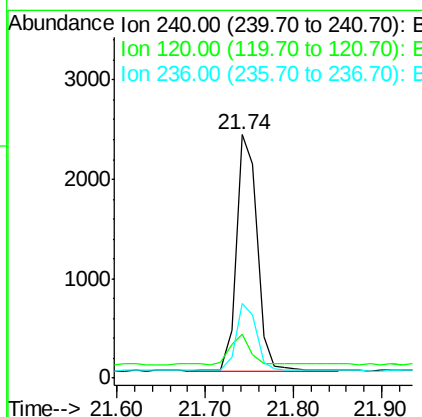
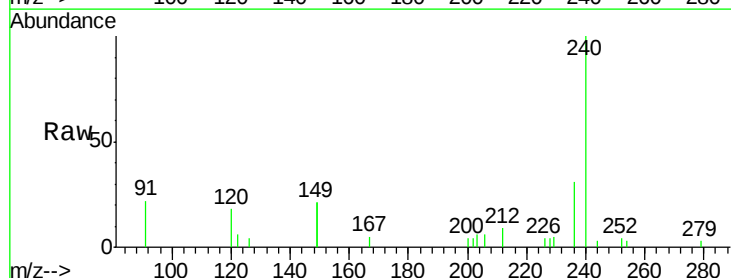
Instrument :
 BNA_E
 ClientSampleId :

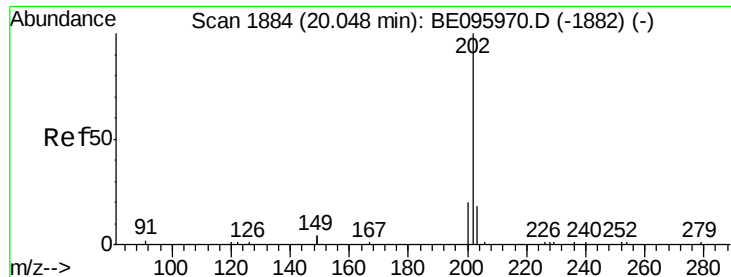
Tot Ion:212 Resp: 20665
 Ion Ratio Lower Upper
 212 100
 106 3.2 2.8 4.2
 104 2.0 1.6 2.4



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.74 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BE096252.D
 Acq: 1 May 2018 11:27

Tgt Ion:240 Resp: 3894
 Ion Ratio Lower Upper
 240 100
 120 18.2 5.5 8.3#
 236 30.8 20.7 31.1





#28

Pvrene

Concen: 0.025 ng

RT: 20.00 min Scan# 1883

Delta R.T. 0.00 min

Lab File: BE096252.D

Acq: 1 May 2018 11:27

Instrument :

BNA_E

ClientSampleId :

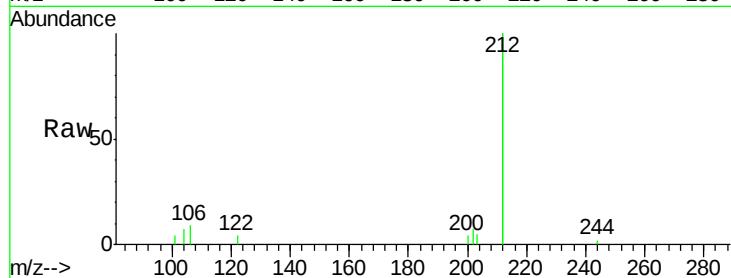
Tot Ion:202 Resp: 192

Ion Ratio Lower Upper

202 100

200 32.8 16.6 25.0#

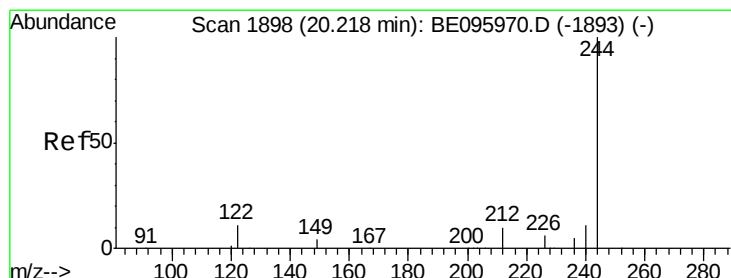
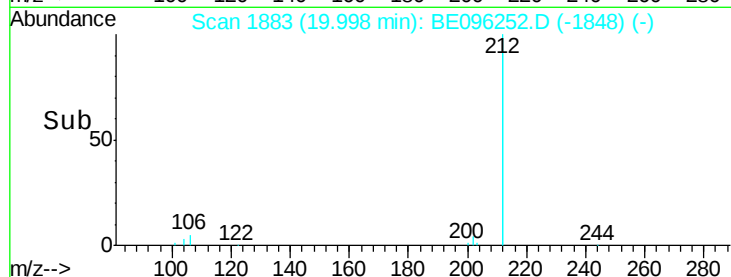
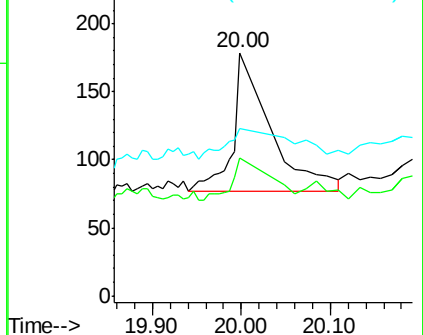
203 55.2 13.8 20.8#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#29

Terphenyl-d14

Concen: 0.393 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096252.D

Acq: 1 May 2018 11:27

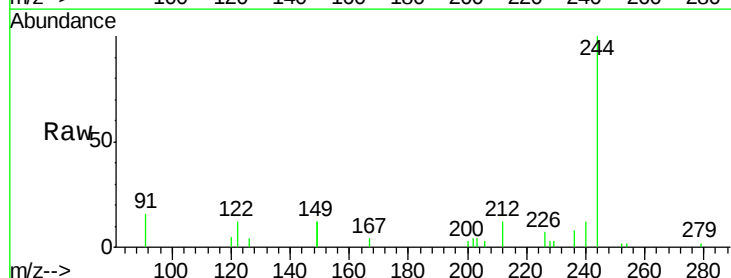
Tgt Ion:244 Resp: 3381

Ion Ratio Lower Upper

244 100

212 12.0 25.4 38.0#

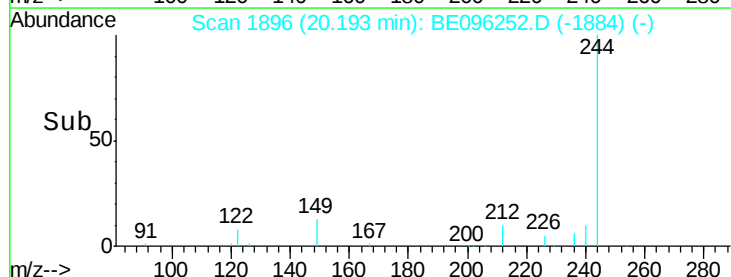
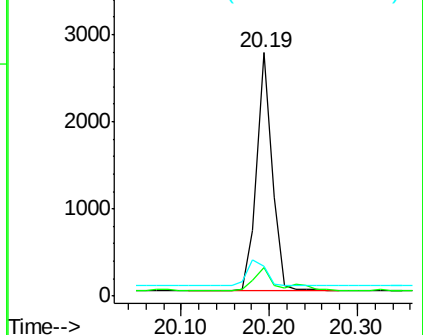
122 12.2 8.1 12.1#

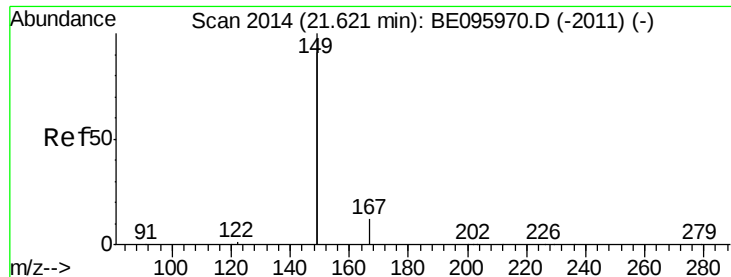


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

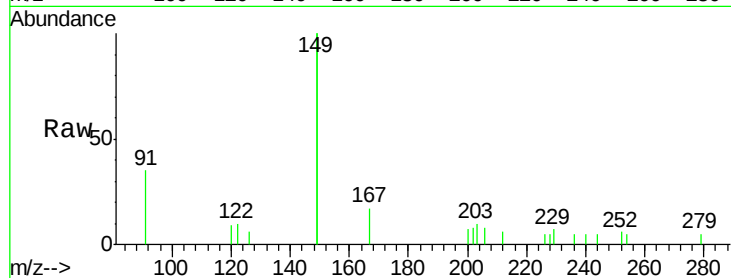




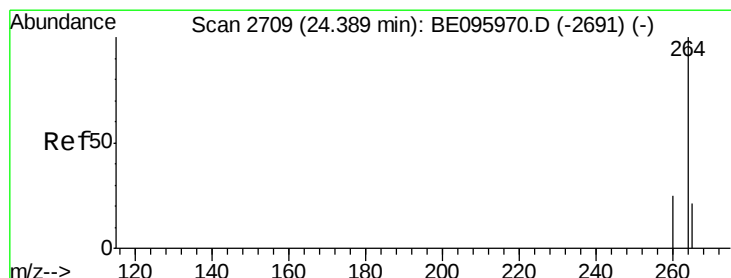
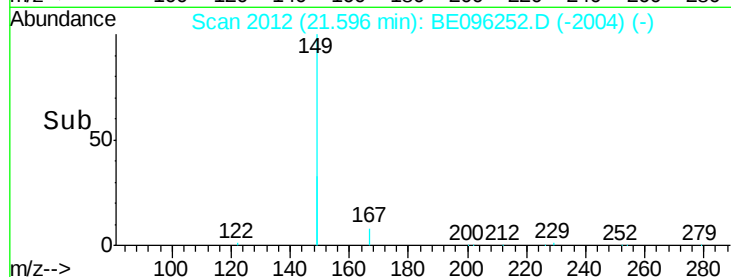
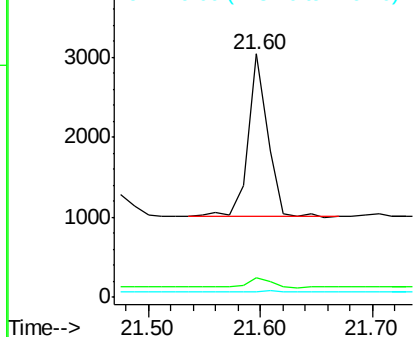
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.077 ng
 RT: 21.60 min Scan# 2012
 Delta R.T. -0.00 min
 Lab File: BE096252.D
 Acq: 1 May 2018 11:27

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 2484
 Ion Ratio Lower Upper
 149 100
 167 7.6 5.4 8.0
 279 1.5 0.7 1.1#

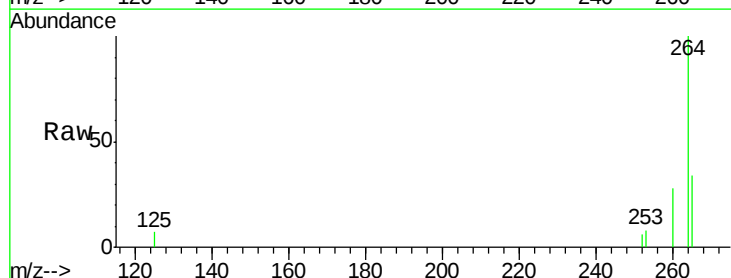


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.35 min Scan# 2698
 Delta R.T. -0.00 min
 Lab File: BE096252.D
 Acq: 1 May 2018 11:27

Tgt Ion:264 Resp: 3690
 Ion Ratio Lower Upper
 264 100
 260 28.0 20.5 30.7
 265 33.7 22.8 34.2



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

